

## GOVERNMENT OF THE DISTRICT OF COLUMBIA CONSTRUCTION CODES COORDINATING BOARD

c/o DCRA-1100 4<sup>th</sup> Street SW, Washington, DC 20024

CODE CHANGE PROPOSAL FORM
PAGE 1 OF 3
CODE: IgCC SECTION NO. 404.1 SUBCOMMITTEE AMENDMENT NO. GC-G-4-3-13
PROPOSING SUBCOMMITTEE: Green CHAIR: Updike PHONE: 202-535-1337 E-mail: William.updike@dc.gov
DATES OF PROPOSAL: 5/17/2012 CCCB PRESENTATION: 06.01.12 CCCB APPROVAL: 6/13/12
6.13.12 - Revised
CHECK ONE
TYPE ALL TEXT IN 12-POINT TIMES NEW ROMAN FONT LINE THROUGH TEXT TO BE DELETED (highlight text, under Format, click font and check strikethrough) UNDERLINE TEXT TO BE ADDED Use additional sheets of the form, if necessary.
Delete Section 404.1.2 of the International Green Construction Code and substitute new Section 404.1.2 in the Green Construction Code (12 DCMR $K$ ).
Anticipated impact of code change on cost of construction (CHECK ONE)  ☐ Increase ☐ Decrease ☐ Negligible ☐ Unknown
Per 1,000 SF single-family dwelling to
Per 1,000SF of commercial building to
JUSTIFICATION OF CHANGE:  Please reference one or more of the criteria required  To address a critical life/safety, health, general welfare need.  To address a specific District of Columbia policy or statute  For consistency with federal, or with reference to the Metro DC area (MD, VA) codes  Address a unique character issue in the District of Columbia  Correction of errors and omissions  X Other (explain)
After consulting with expert landscape architects, it was determined that subsections (5.) and (6.) of 404.1.2 were onerous and unnecessary, but the rest of the 404.1 was acceptable.



## 404.1.2 Irrigation system design and installation.

Where in-ground irrigation systems are provided, the systems shall comply with all of the following:

- 1. The design and installation of outdoor irrigation systems shall be under the supervision of an irrigation professional accredited or certified by an appropriate local or national body.
- 2. Landscape irrigation systems shall not direct water onto building exterior surfaces, foundations or exterior paved surfaces. Systems shall not generate runoff.
- 3. Where an irrigation control system is used, the system shall be one that regulates irrigation based on weather, climatological or soil moisture status data. The controller shall have integrated or separate sensors to suspend irrigation events during rainfall.
- 4. Irrigation zones shall be based on plant water needs with plants of similar need grouped together. Turfgrass shall not be grouped with other plantings on the same zone.
- 5. Microirrigation zones shall be equipped with pressure regulators that ensure zone pressure is not greater than 40 psi (275.8 kPa), filters, and flush end assemblies.
- 6. Sprinklers shall:
  - 6.1. Have nozzles with matched precipitation
  - 6.2. Be prohibited on landscape areas less than 4 feet (1230 mm) in any dimension.
  - 6.3. Be prohibited on slopes greater than 1 unit vertical to 4 units horizontal (25 percent slope).

Exception: Where the application rate of the sprinklers is less than or equal to 0.5 inches (12.7 mm) per hour.

- 6.4. Be permitted for use on turfgrass and crop areas only excepting microsprays of a flow less than 45 gallons (170 liters) per hour.
  6.5. If of the pop-up configuration, pop-up to a height of not less than four inches (101 mm).
- 6.6. Only be installed in zones composed exclusively



of sprinklers and shall be designed to achieve a lower quarter distribution uniformity of not less than 0.65.